

MOLDING OF FASTENINGS HOOKS AND OTHER DEVICES

Abstract of the Disclosure

Methods of forming mold cavities suitable for hook and loop
5 fastening are disclosed, along with effective hook construction and
hook and loop fastener products that have an ultrathin cross-section.

Photochemical techniques are employed to form plates that define
hook-form mold cavities, and, alternatively, chemical etching is
employed following preforming of the cavities and machining. Hooks
10 having three-dimensional tapers with enhanced loop engaging
characteristics are disclosed. By utilization of special surface
finishes and tolerances, hook fasteners, having ultrathin cross-
sections are realized, that pave the way for practical use of touch
fasteners in a wide range of new areas.

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